

Amendments to the Claims

Please cancel all claims not already cancelled in the application, i.e., claims 1-4, 7-9 and 15-17. Please add new claims 37-49 as shown in the Listing of Claims below.

Listing of Claims

1-36. Cancelled.

37. (New) A fusion protein consisting essentially of:
- the *P. shermanii* transcarboxylase domain (PSTCD) peptide of SEQ ID NO:2; and
 - a polypeptide of interest.
38. (New) The fusion protein of claim 37, wherein said PSTCD peptide of SEQ ID NO:2 is joined directly to the C-terminal end of said polypeptide of interest.
39. (New) The fusion protein of either claim 37 or claim 38, further comprising a leader sequence that promotes the secretion of said fusion protein from a mammalian host cell.
40. (New) The fusion protein of either claim 37 or claim 38, wherein said PSTCD peptide of SEQ ID NO:2 is joined directly to the C-terminal end of a polypeptide with a leader sequence that promotes secretion from a mammalian host cell.
41. (New) A fusion protein consisting essentially of:
- a PSTCD polypeptide selected from either the full length PSTCD domain of SEQ ID NO:1, or a portion of the PSTCD domain which:
 - includes the lysine at position 36 in SEQ ID NO:2;
 - is at least 63 amino acids in length from the C-terminus as shown in SEQ ID NO:2; and

Novelty C-terminus
anal. not required?
but they are the
claims. 37.

Coc pol

- iii) undergoes biotinylation when expressed in a host cell; and
- b) a viral surface protein

- 42. (New) The fusion protein of claim 41, wherein said PSTCD polypeptide is the full length peptide of SEQ ID NO:1.
- 43. (New) The fusion protein of claim 41, wherein said PSTCD polypeptide is a portion of the PSTCD domain which:
 - a) includes the lysine at position 36 in SEQ ID NO:2;
 - b) is at least 63 amino acids in length from the C-terminus as shown in SEQ ID NO:2; and
 - c) undergoes biotinylation when expressed in a host cell.
- 44. (New) The fusion protein of claim 41, wherein said PSTCD polypeptide has the sequence of SEQ ID NO:2.
- 45. (New) The fusion protein of claims 42-44, further comprising a leader sequence that promotes the secretion of said fusion protein from a mammalian host cell.
- 46. (New) The fusion protein of any one of claims 42-44, wherein said PSTCD polypeptide is joined directly to the C-terminal end of a polypeptide with a leader sequence that promotes secretion from a mammalian host cell.
- 47. (New) The fusion protein of any one of claims 42-44, wherein said viral surface protein is the fiber protein of adenovirus.
- 48. (New) The fusion protein of claim 47, further comprising a leader sequence that promotes the secretion of said fusion protein from a host cell.

49. (New) The fusion protein of claim 48, wherein said PSTCD polypeptide is joined directly to the C-terminal end of a polypeptide with a leader sequence that promotes secretion from a mammalian host cell.